

MAIL ROOM
15 JUN 1981
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

SHEET - 3 - OF 15

ATTY. DOCKET NO. 0290112	SERIAL NO.
APPLICANT Peter J. Jessup et al.	
FILING DATE	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A	3 6 5 8 6 9 0	4/25/72	Graven			
B	3 8 8 6 7 5 9	6/03/75	McNamee			
C	3 9 0 3 1 9 4	9/02/75	Hutson, Jr., et al.			
D	3 9 5 7 9 0 1	5/18/76	Chapman			
E	4 0 2 2 5 8 9	5/10/77	Alquist et al.			
F	4 1 1 8 4 2 5	10/02/78	Herbetman			
G	4 2 2 0 1 2 0	9/02/80	Jackson, deceased, et al.			
H	4 3 1 3 7 3 8	2/02/82	Parlman et al.			
I	4 3 2 2 3 0 4	3/30/82	Parlman et al.			
J	4 3 2 4 5 6 9	4/13/82	Klimczak			
K	4 3 7 2 7 5 2	2/08/83	Lamy			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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EXAMINER

Hyde

DATE CONSIDERED

7-29-81

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Peter J. Jessup et al.

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PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A	4 4 3 7 4 3 6	3/20/84	Graiff et al.			
B	4 4 6 8 2 3 3	8/28/84	Bruderreck et al.			
C	4 5 0 8 6 1 7	4/02/85	Montgomery			
D	4 5 7 1 4 3 9	2/18/86	Keyworth			
E	4 5 7 9 9 9 0	4/01/86	Keyworth			
F	4 6 0 7 1 2 9	8/19/86	Lee			
G	4 6 4 7 3 6 8	3/03/87	McGuiness et al.			
H	4 8 1 8 2 5 0	4/04/89	Whitworth			
I	4 8 5 1 6 0 1	7/25/89	Fukuda et al.			
J	4 8 7 3 3 8 9	10/10/89	Avidan et al.			
K	4 8 8 4 5 3 1	12/05/89	Degnan, Jr., et al.			

FOREIGN PATENT DOCUMENTS

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Peter J. Jessup et al.

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PATENT DOCUMENTS

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A	4	8	9	9	0	1	4	2/06/90	Avidan et al.	
B	4	9	5	5	3	3	2	9/11/90	Talbert	
C	5	0	1	5	3	5	6	5/14/91	Talbert	
D	5	0	4	1	2	0	8	8/20/91	Patridge et al.	
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7-29-93

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APPLICANT PETER J. JESSUP ET AL.

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U. S. PATENT DOCUMENTS

*Exam Initial	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	Filing Date
AA	6	2	9	6	5	6	1	10/31/81	Burns			
AB	4	2	9	9	6	6	1	10/20/81	Burns			
AC	4	2	9	9	4	4	2	10/20/81	Burns			
AD	6	6	1	1	6	6	1	3/23/82	Parlman			
AC	4	3	1	1	6	6	6	3/23/82	Burns			
AC	4	3	3	9	2	4	9	7/13/82	Burns			
AC	4	3	4	1	5	2	9	7/27/82	Burns			
AH	6	6	1	8	2	3	1	3/29/83	Burns			
AI	4	4	4	7	4	6	4	11/29/83	Burns et al.			
AJ	4	4	4	4	5	6	7	4/24/84	Burns et al.			
AK	6	6	5	5	5	6	5	5/1/84	Burns			

FOREIGN PATENT DOCUMENTS

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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Examiner: *dmj*Date Considered: *7-29-90*

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INFORMATION DISCLOSURE STATEMENT
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0290112

SERIAL NO.

APPLICANT

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1998

Peter J. Jessup et al.

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>John</i>	R	"The Role of MTBE in Future Gasoline Production" by William J. Piel, <u>Energy Progress</u> (Vol. 8, No. 4), December, 1988, pp 201-204.
	S	"Are the Reductions in Vehicle Carbon Monoxide Exhaust Emissions Proportional to the Fuel Oxygen Content?" by J. A. Gettling, J. S. Weistand, and J. C. Horn, <u>SAE Technical Paper Series</u> , 890216, SAE International Congress and Exposition, Detroit, Michigan, February 27-March 3, 1989.
	T	"How Injector, Engine, and Fuel Variables Impact Smoke and Hydrocarbon Emissions with Port Fuel Injection" by Ather A. Quader, <u>SAE Technical Paper Series</u> , 890623, SAE International Congress and Exposition, Detroit, Michigan, February 27-March 3 1989.

EXAMINER

John

DATE CONSIDERED

7/29/98

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INFORMATION DISCLOSURE STATEMENT

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FOREIGN PATENT DOCUMENTS

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	"Engine Bench Evaluation of Gasoline Composition Effect on Pollutants Conversion Rate by a Three-Way Catalyst" by Michel F. Prigent, Brigitte C. Martin and Jean-Claude Guibet, <u>SAE Technical Paper Series</u> , 900153, SAE International Congress and Exposition, Detroit, Michigan, February 26-March 2, 1990.
S	"Effect on Gasoline Quality on Throttle Response of Engines During Warm-up" by Minoru Tomita, Masanori Okada, Haruyuki Katayama and Masahiko Nakada, <u>SAE Technical Paper Series</u> , 900163, SAE International Congress and Exposition, Detroit, Michigan, February 26-March 2, 1990.
T	"The Effect of Gasoline Aromatics Content on Exhaust Emissions: A Cooperative Test Program" by Jeff A. Gethling, S. Kent Hoekman, <u>SAE Technical Paper Series</u> , 902073, International Fuels and Lubricants Meeting and Exposition, Tulsa, Oklahoma October 22-25, 1990.

DATE CONSIDERED

7-29-90

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Peter J. Jessup et al.

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U.S. PATENT DOCUMENTS

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	Octane Week, Special NPRA Convention Edition, Week of March 26, 1990, Volume IV, Number 44, pp. 1-14.
S	"Automotive Fuels for the 1990's - Challenges and Opportunities" by Joseph M. Colucci, Research Publication, General Motors Research Laboratories, GMR-6589, F&L-882, to be presented at DeWitt and Company - Petrochemical Review Seminar, Houston, TX, March 30, 1989.
T	"... - The Refiner's Key to Future Gasoline Production" by William J. Piel, National Petroleum Refiners Association, AM-88-66, 1988 Annual NPRA Meeting, San Antonio, Texas, March 20-22, 1988.

EXAMINER	DATE CONSIDERED

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SHEET 10 OF 15

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	"Vehicle Evaporative and Exhaust Emissions as Influenced by Benzene Content of Gasoline" by Donald E. Seizinger, William F. Marshall, Frank W. Cox, and Martin W. Boyd, National Institute for Petroleum and Energy Research, NIPER-151, DE86 010603, April 16, 1986.
S	"The Effect of Aromatics Content on NOx Emissions" by Annette Reid Guerrero and James M. Lyons, Toxics and Fuels Section, Mobile Source Division, California Air Resources Board, March, 1990.
T	"The Effect of Gasoline Aromatics on Emissions of Nitrogen Oxides in Vehicle Exhaust" by J. A. Gething, Chevron Research and Technology Company, Richmond, California, April 19, 1990.

EXAMINER	DATE CONSIDERED

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SHEET 11 OF 15

DOCKET NO. 0290112

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PETER J. JESSUP ET AL.

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	"Reformulated Gas No Help in Older Cars" by Matthew L. Wald, The New York Times, appearing in Orange County Register, December 19, 1990
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INFORMATION DISCLOSURE STATEMENT

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SHEET 12 OF 15

ATTY. DOCKET NO.
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APPLICANT
PETER J. JESSUP et al.

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	"Clean Gasoline" ARCO EC-1 Gasoline
S	"Nationwide Gasoline Compositions" (MVMA and SwRI Surveys, 1988)
T	"Reformulated Gasoline" Industry Scoreboard
U	"Regular Compositions" Average Results for 9 RVP Season
V	"Premium Compositions" Average Results for 9 RVP Season

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INFORMATION DISCLOSURE STATEMENT

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PETER J. JESSUP et al.

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	"The Talbert Information Package" by Talbert Fuel Systems, Inc., dated December 3, 1990.
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DATE CONSIDERED

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SHEET 14 OF 15

ATTY. DOCKET NO.
0290112

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APPLICANT

PETER J. JESSUP et al.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

AR	"A Study of Factors Influencing the Evaporative Emissions From In-Use Automobiles" API Publication No. 4406, April, 1985, American Petroleum Institute.
AS	"The Effect of Fuel Volatility Variations on Evaporative and Exhaust Emissions," API Publication 4310, May, 1979, Prepared for the American Petroleum Institute by Exxon Research and Engineering Company.
AT	"Distillation Adjustment: An Innovative Step to Gasoline Reformulation" by Jeff A. Gething, SAE Technical Paper 910382, February 25-March 1, 1991.

EXAMINER	DATE CONSIDERED

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SHEET 15 OF 15

INFORMATION DISCLOSURE STATEMENT

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MAIL ROOM
15 JUN 14
1993

ATTY. DOCKET NO.
0290112

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PETER J. JESSUP et al.

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PATENT DOCUMENTS

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

R	"California Sets Tough Auto Standards" by Jananne Sharpless in Fuel Reformulation published Nov./Dec. 1991, pp. 8-10.
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DATE CONSIDERED

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